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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/595,805	05/12/2006	Jochen Keupp	PHUS030454US	6981
7550 03/18/2008 Thomas E Kocovsky Jr Fay Sharpe Fagan Minnich & McKee			EXAMINER	
			SHRIVASTAV, BRIJ B	
Seventh Floor 1100 Superior Avenue		ART UNIT	PAPER NUMBER	
Cleveland, OH 44114-2579			2831	
			MAIL DATE	DELIVERY MODE
			03/18/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Application No. Applicant(s) 10/595,805 KEUPP ET AL. Office Action Summary Art Unit Examiner Brii B. Shrivastav 2859 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 12 May 2006. 2a) ☐ This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-18 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) _____ is/are allowed. 6) Claim(s) 1.2.4-11.13.14 and 18 is/are rejected. 7) Claim(s) 3,12 and 15.17 is/are objected to. 8) Claim(s) _____ are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are; a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abevance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s)

1) Notice of References Cited (PTC-892)

1) Interview Summary (PTC-413)

2) Notice of Dratsperson's Patent Drawing Review (PTC-948)

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3) Notice of Dratsperson's Patent Drawing Review (PTC-948)

5) Notice of Dratsperson's Patent Drawing Review (PTC-948)

5) Notice of Dratsperson's Patent Drawing Review (PTC-948)

6) Other:

1.5 Patent and Transport. Other

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DETAILED ACTION

Claim Rejections - 35 USC § 102

 The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- Claims 1, 2, 4-11, 13, 14 and 18 are rejected under 35 U.S.C. 102(e) as being anticipated by Zhu et al (US 7,009,396).
- 3. As regards to claim 1, applicant's attention is directed to figure 1 of Zhu et al comprising a magnetic resonance imaging apparatus in which a fixed field of view is defined in which magnetic resonance is excited and phase and frequency are encoded, the apparatus including a plurality of fixed whole body receive coils (global), where a subject continuously moved through the fixed field of view during excitation phase and frequency encoding during the imaging process, and wherein in each of the global receiving coil receives resonance signals from the subject over an elongated virtual field of view longer than the fixed field of view. Further, Zhu et al teach means for generating coil sensitivity patterns and for mapping the sensitivity patterns from static reference acquisitions corresponding to the fixed field of view for the global receive coils (figure 1-3; column 3-5; see summary).

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 As regards to claim 6, Zhu et al teaches each limitation of the claim on the same basis as stated above to reject claim 1.

- 5. As regards to claims 2, 4, 5, 7-11,13,14 and 18, Zhu et al further teach subject movement fixed field of view in longitudinal direction, exciting and frequency encoding magnetic resonance acquiring resonance data along k-space trajectories to map sensitivity pattern(s) in to the virtual field of view corresponding to the magnetic resonance data on both sides of the center of the k-space combining and unfolding the folded image representations in accordance with the sensitivity patterns mapped into the virtual field of view (figure 1-4; column 4-8).
- 6. Claims 3, 12 and 15-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
- Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brij B. Shrivastav whose telephone number is 571-272-2250. The examiner can normally be reached on 7 AM to 4 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-1984. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

March 12, 2008

/Brij B Shrivastav/ Primary Examiner, Art Unit 2859